Using a Raspberry PI 0W to control Flash Floppy on a Gotek

Peter T Mount

April 6 2025

Using a Raspberry PI 0W to control Flash Floppy on a Gotek

This book details how I have a Raspberry PI 0W configured to control Flash Floppy on my Commodore Amiga A1200 Development System to enable the management of disk images without the need to repeatedly remove a flash drive during the development process.

Although this book discusses it's use on the Amiga A1200, this will work for any machine which has a Gotek running Flash Floppy installed.

I originally developed this technique on a BBC Master 128 machine back in 2020 and have successfully used it on the following systems with no issues:

- BBC Master 128
- BBC Model B
- Sinclair Spectrum +3
- Commodore Amiga A1200

Sadly, at the time I'm writing this, I'm having to sell my retro computer collection, so this book is being published to document how it works so that if anyone wants to replicate the setup then they can use this as a starting point.

If you do replicate this setup, please take note on section 2.1 about powering the PI 0W as care must be taken to avoid damage to either the PI or the Gotek.

As such, I'm releasing this book into the Public Domain.

Peter T Mount

April 6, 2025

Table of Contents

1 Introduction....5
1.1 What this setup is based on....5
2 Installation....7
2.1 Connecting the PI to the Amiga and Power....7
2.1.1 Internal option....7
2.1.2 External option....7
2.1.3 Powering from the host computer....8
2.2 Configuring Wi-Fi....8
3 Accessing the PI0W on the Gotek....9
3.1 Logging into the PI0W....9
3.2 Shutting down the PI0W....9
3.3 Login without using a password....10
3.3.1 From Linux....10
3.3.2 From AmigaOS....10
3.3.3 Manual setup....10
4 Controlling the Gotek....11
4.1 From the PI 0W....11
4.1.1 Mounting a disk on the Amiga....11
4.1.2 Unmounting a Disk....11
4.1.3 Listing available disks....11
4.2 Controlling remotely....12
4.2.1 Mounting remotely....12
4.2.2 Unmounting remotely....12
4.3 Uploading disk images....13
4.3.1 Creating a directory for disk images....13
4.3.2 Uploading images....13
5 Scripts....15
5.1 /usr/local/bin/sd....15
5.2 /usr/local/bin/sdu....15
6 FAQ....17
6.1 Maintenance....17
6.2 How auto-mounting disk images on the Gotek works....17
6.3 Disks are Read Only....17
6.4 The Amiga makes a clicking sound when no disk is mounted....18
7 Future features....19
7.1 Rest services....19
7.1.1 Upload new image....19
7.1.2 Mount disk....19
7.1.3 Unmount disk....19
7.1.4 Save disk....19
7.1.5 Duplicate disk....19
7.1.6 Create disk....19
7.2 Web front end....20
7.2.1 JavaScript or HTML5....20
7.2.2 HTML 4....20

7.3 Use a Ram Disk....20
8 Index of installed disk images....21
9 Blog articles....29
9.1 Finally the Amiga I've always Wanted....31
9.1.1 Enter the PiStorm32-Lite....32
9.1.1.1 Disk partitioning....32
9.1.1.2 HDMI Display....33
9.1.1.3 Networking....33
9.1.2 The final setup....34
9.1.3 Startup changes....35
9.1.3.1 MiamiDX configuration....35
9.1.4 The second PI?....36
9.2 Using a Raspberry PI Zero W to hold disk images for the BBC Micro....37
9.2.1 Overview....37
9.2.2 The problem when developing software....38
9.2.3 Setting up the PI 0W to serve images to the Gotek....38

1 Introduction

The Gotek installed in the A1200 is a standard device with a dial to select which images to load.

It originally came with a display but that display was damaged so I didn't install it when I replaced the original case. As a consequence, the Gotek will only load images in the root directory of the SD card.

However, by that time I had been using the Raspberry PI 0W setup with my other Gotek's so that wasn't an issue as it's possible to control which disk image the Gotek presents to the host computer.

I've left the rotary dial installed, but it's no longer necessary for use due to the PI controlling the Gotek.

1.1 What this setup is based on

The original setup, for the BBC Micro is in the following article:

https://area-51.blog/2020/01/30/using-a-raspberry-pi-zero-w-to-hold-disk-images-for-the-bbc-micro/

however this method works for any computer supported by Flash Floppy on a Gotek. I've used this technique on the BBC Micro (Model B, Master 128 and Acorn Electron) as well as on a Sinclair Spectrum +3.

A copy of this article is in section 9.2 on page 37.

2 Installation

2.1 Connecting the PI to the Amiga and Power

2.1.1 Internal option

As I currently have the system setup, the PI 0W is installed internally with a single cable exiting the back of the Amiga.

All you need to do is to connect this to an external USB power supply which has a USB-A connector on it.

Figure 1: The PI 0W mounted internally next to the PiStorm32-Lite

2.1.2 External option

In this configuration the PI 0W is external to the Amiga. There's two USB cables that need to be connected to the PI0W, one to the Amiga and the other to the USB power supply.

The power supply connects to the micro-USB port nearest the short end of the PI – It's labelled.

The one to the Amiga connects to the micro-USB port next to the power one. Plug one end of the USB cable to it and the other to the Gotek.

Figure 2: Raspberry PI 0W showing which cable is which

IMPORTANT: There's a USB Power blocker adapter connected to the Gotek. This MUST be kept there as it prevents the PI from providing power to the Gotek as the Gotek will also provide power to the PI. Without that blocker being inline you will cause damage to both the Gotek and the PI!

2.1.3 Powering from the host computer

You could power the PI from the Gotek by not connecting the external power to the PI and removing the USB Power blocker but this is not advisable. Although the Amiga and Gotek can power the PI (I've done this with the BBC's in the past), this does mean that when you power down the Amiga it will take the PI down as well, and PI's when running Linux are powered down hard, they don't always like it and you risk corrupting the SD card.

I didn't have this issue on the BBC's as those were external drives with their own power supply so when I had to cold boot the BBC the PI didn't go down.

However, for systems without external power to the Gotek, like the Amiga or the Spectrum +3, it's best to keep with using an external power supply.

2.2 Configuring Wi-Fi

The only configuration you will need to do on the PI0W is setup Wi-Fi. This is in the file wpa_supplicant.conf

The easiest way is to place the SD card into a card reader and mount both partitions (this is Linux specific). The file appears in two places:

On the boot drive as /wpa_supplicant and on the root drive as /etc/wpa_supplicant/wpa_supplicant.conf

Edit both so they match setting ssid and psk to your Wi-Fi settings:

```
ctrl_interface=DIR=/var/run/wpa_supplicant GROUP=netdev
update_config=1
country=GB

network={
      ssid="my-wifi"
      psk="password"
}
```

Eject the SD card, reinstall and boot the PI.

You will need to make a note of the IP address your router assigns the PI so you can access the PI remotely. In the rest of this document it will be 192.168.8.31, yours will be different.

3 Accessing the PI0W on the Gotek

The user is **pi** and the password is currently **password**. I advise you change that. You can change the password at any time by logging in to the PI and running

```
passwd
```

Then follow the prompts for the new password.

3.1 Logging into the PI0W

You can ssh into the PI0W via SSH. e.g. for Linux or the A1200, from a shell run one of:

```
Linux:      ssh pi@192.168.8.31
Amiga:      amigassh pi@192.168.8.31
```

Replace 192.168.8.31 with the IP address of the PI0W.

3.2 Shutting down the PI0W

When removing the power from the PI0W you need to shut it down first.

SSH into it and then run the following:

```
sudo shutdown -h now
```

Wait a few seconds then you can safely remove the power.

You only need to do this when powering down the PI. If Powering the Amiga off, you don’t need to do this – this is why the PI is on it’s own supply.

3.3 Login without using a password

SSH supports password-less access via public/private keys. This is useful when connecting frequently from a machine you trust, but also if you are running commands remotely from scripts.

3.3.1 From Linux

This is done on Linux by using the ssh-copy-id command which logs in to the pi once, copying the public key to the PI. Then any future login from that machine via ssh will work without having to enter the password every time.

```
ssh-copy-id pi@192.168.8.31
```

3.3.2 From AmigaOS

As for from the Amiga, I don’t know how this is done with amigassh as it doesn’t have, from what I can see, an equivalent of amigassh-copy-id.

3.3.3 Manual setup

This could be done manually, on Linux you would simply copy the public key from your local .ssh directory and append it to the remote .ssh/authorized_keys file.

For the Amiga you would need to locate the local public key if it exists for this to work.

4 Controlling the Gotek

You can control the Gotek from either the PI 0W, or direct from a remote machine, including the Amiga itself.

4.1 From the PI 0W

4.1.1 Mounting a disk on the Amiga

First select the disk required then run the following command to mount it on the Amiga:

```
sd "disks/AmigaOS3.2/install3.2.adf"
```

You should then hear the Amiga mount the disk and it's ready for use.

Note the use of "" when specifying a disk image name.

If the disk image and/or the path contains special characters like space, ( ) etc then you must wrap the name within "" otherwise the command will fail.

If, the full path does not include any then they are optional.

4.1.2 Unmounting a Disk

Unmounting a disk is as simple as running:

```
sdu
```

This will unmount any disk, if one was mounted from the Amiga.

4.1.3 Listing available disks

Whilst logged in you can look at the available disks. These are in the disks directory under the user's home

```
ls disks
```

A list of what disks are pre-installed is in section 8 on page 21.

4.2 Controlling remotely

You can run the scripts remotely without logging in to the shell on the Raspberry PI by providing commands with SSH.

You can run most commands this way – however those which use sudo – e.g. shutting down the PI in section 3.2 cannot be done this way.

4.2.1 Mounting remotely

```
Linux:      ssh pi@192.168.8.31 sd "disks/AmigaOS3.2/install3.2.adf"
Amiga:      amigassh pi@192.168.8.31 sd "disks/AmigaOS3.2/install3.2.adf"
```

This will then mount disks/AmigaOS3.2/install3.2.adf and return immediately.

4.2.2 Unmounting remotely

```
Linux:      ssh pi@192.168.8.31 sdu
Amiga:      amigassh pi@192.168.8.31 sdu
```

This will unmount any disk and return immediately.

4.3 Uploading disk images

You can easily upload new disk images over Wi-Fi.

4.3.1 Creating a directory for disk images

You can create a directory on the PI using mkdir:

```
mkdir -pv "disks/AmigaOS3.2"
```

If the directory didn't exist it will be created and it will tell you it did. If it already exists then nothing will be done, the existing directory will be unaffected.

This can also be done from a remote machine:

```
Linux:      ssh pi@192.168.8.31 mkdir -pv "disks/AmigaOS3.2"
Amiga:      amigassh pi@192.168.8.31 mkdir -pv "disks/AmigaOS3.2"
```

4.3.2 Uploading images

Uploading new or updated images is done via scp:

```
Linux:      scp newdisk.adf "pi@192.168.8.31:disks/newdisk.adf"
Amiga:      amigascp newdisk.adf "pi@192.168.8.31:disks/newdisk.adf"
```

As long as the destination directory exists on the PI then the disk will be uploaded to that directory.

If the destination image already exists, it will be overwritten.

5 Scripts

Here's a copy of the two scripts used to control the Gotek.

These are located in the /usr/local/bin directory:

5.1 /usr/local/bin/sd

```
#!/bin/sh

DISK="$1"

IMAGE="$(basename "$DISK")"

cp -v "$1" "/mnt/work_share/$IMAGE"

cd /mnt/work_share/

sudo modprobe -r g_mass_storage

echo -n "$IMAGE" >IMAGE_A.CFG
sync
echo "Selecting: $(cat IMAGE_A.CFG )"
sleep 1

sudo modprobe g_mass_storage file=/work.bin stall=0 ro=1
echo "Using: $(cat IMAGE_A.CFG )"
```

5.2 /usr/local/bin/sdu

```
#!/bin/sh

sudo modprobe -r g_mass_storage
echo "Disk unmounted"
```

6 FAQ

6.1 Maintenance

Every so often it might be an idea to clean-up the disk images from the FAT partition to stop them filling up the available space.

Simply change into the /mnt/work_share directory and remove any files from that directory.

Don’t worry about removing anything other than disk images from that partition as the scripts will recreate everything the Gotek requires.

If you don’t use that many disks then you probably won’t need to do this ever.

6.2 How auto-mounting disk images on the Gotek works

This applies to any Gotek running FlashFloppy – it’s nothing to do with the PI or the Amiga at all.

When a USB drive is connected to a Gotek, it looks for the file IMAGE_A.CFG in the root of the drive. If that’s present and it contains the filename of a disk image it then selects it and presents it to the host machine.

Hence, the sd script simply writes the disk image path (from the root of the drive) into IMAGE_A.CFG then turns on USB Gadget mode so the PI appears as a USB drive to the Gotek.

6.3 Disks are Read Only

You will notice that disks are read only. This is down to how gadget mode works on the PI.

In this setup the PI exposes the FAT partition to USB whilst it’s still mounted to the local Linux operating system. In this configuration this means that the Kernel only exposes it as a Read Only device to the Gotek.

For this setup with the Amiga I’ve not needed to enable writing to disks so I’ve not changed it.

However on other setups like the BBC Micros or the Spectrum +3 and their Gotek’s I do enable writing as that’s the only medium available.

To do this I have the setup configured differently so that, when mounting a disk the scripts unmount the FAT partition from the Linux OS first then exposes it via Gadget mode. As the partition is in use only via USB it’s automatically writeable.

Then, when unmounting a disk, it’s then remounted back to the local OS.

Note: the sd script has the ro=1 attribute on the modprobe line to enforce read only just for safety. If implementing writable disks this needs to be removed.

6.4 The Amiga makes a clicking sound when no disk is mounted

This is normal. When any Amiga has no disk in a drive, it regularly polls the disk to see if one has been inserted. Whenever it did this the drive's made a sound as it tried to access the disk.

The Gotek has no moving parts so it emulates the sound via a small speaker attached to the drive.

If it annoys you, you can do one of two things:

1. Mount a disk image, any one will do
2. Unplug the speaker from the Gotek.

I tend to use option 1 as the speaker is also used to indicate the drive is being used – giving that original audible effect of a floppy disk

7 Future features

I had planned to extend the setup to make it even easier to use rather than relying on ssh for everything, however I never got around to implementing them, although I did have a few prototyped in the past.

If anyone takes this on, they could implement them.

This is the list of features I had planned.

7.1 Rest services

This I did prototype. The idea was to create some endpoints accessible via HTTP and optionally HTTPS.

7.1.1 Upload new image

An endpoint which which would allow an image to be uploaded, ensuring the directory exists.

You could then use commands like curl to perform the upload.

7.1.2 Mount disk

An endpoint to select the disk presented to the host in the same way the sd script works. There would also be the option to mount it either read only like now or make the image writeable to the host.

7.1.3 Unmount disk

Unmount any disk, similar to the sdu script.

7.1.4 Save disk

The current setup is read only, but with some of the other planned features, making disks writeable could be done and this endpoint would then unmount the disk and then save it’s content – either to the original image or to a new one.

7.1.5 Duplicate disk

This would duplicate an existing disk image

7.1.6 Create disk

Similar to Duplicate, but with a blank disk image.

7.2 Web front end

This would extend upon the Rest services in 7.1 by presenting a more user friendly front end which could be accessed by a browser.

There’s two options here, both could be done together for maximum compatibility with clients.

7.2.1 JavaScript or HTML5

One form would be to use a modern framework like React which would work on modern browsers. I had one prototyped which worked pretty well

7.2.2 HTML 4

JavaScript is great for modern browsers but if being accessed from a retro machine it won’t work. For example iBrowse on the Amiga wouldn’t be able to use it, so this idea was to have a static site which used the Rest end points internally but everything would appear to the client as plain old HTML pages.

7.3 Use a Ram Disk

Currently the FAT partition presented to the Gotek is actually on the PI’s SD card as a large file, however it doesn’t need to be.

We could create a Ram disk on the PI and then place the FAT partition on it, reducing the wear on the SD card.

Even with the limited ram on the PI 0W this isn’t an issue as we could just use around 10MB for this.

8 Index of installed disk images

This is a list of the available disk images on the PI 0W with the Amiga A1200.

You can regenerate this list with the following command from the users home directory:

```
ls -lRa disks
```

```
disks
total 4492
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 .
drwxr-xr-x  7 pi pi   4096 Apr  5 18:26 ..
drwxrwxrwx  2 pi pi   4096 Mar 27 13:55 AmigaOS3.2
drwxrwxrwx  2 pi pi   4096 Mar 27 13:55 AmigaTools
drwxr-xr-x  2 pi pi  20480 Feb  3  2018 CAmiga part1
drwxr-xr-x  2 pi pi  20480 Feb 10  2018 CAmiga part2
drwxr-xr-x  2 pi pi  12288 Jun 30  2016 CAmiga part3
drwxr-xr-x  2 pi pi  12288 Jul 14  2016 CAmiga part4
drwxr-xr-x  2 pi pi   4096 Jul 14  2016 CAmiga part5
-rwxrwxrwx  1 pi pi 901120 Apr  3 15:07 CP2Disk1.adf
-rwxrwxrwx  1 pi pi 901120 Apr  3 15:07 CP2Disk2.adf
drwxrwxrwx  3 pi pi   4096 Apr  3 15:04 Games
-rwxrwxrwx  1 pi pi     24 Apr  4 12:39 IMAGE_A.CFG
-rwxrwxrwx  1 pi pi 901120 Apr  4 12:27 install3.2.adf
-rwxrwxrwx  1 pi pi 901120 Mar 27 16:07 PCMCIA-CF-DriverDisk.adf
-rw-rw-r--  1 pi pi 901120 Aug 20  2015 SPELLBOUND DIZZY (AMIGA).adf

disks/AmigaOS3.2
total 30808
drwxrwxrwx  2 pi pi   4096 Mar 27 13:55 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 backdrops3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 classes3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 diskdoctor.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 extras3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 fonts.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 glowicons3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 hdsetup3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 install3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-de.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-dk.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-en.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-es.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-fr.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-gr.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-it.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-nl.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-no.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-pl.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-pt.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-ru.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-se.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-tr.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 locale-uk.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 mmulibs.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa1200_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa2000_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa3000_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa4000d_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa4000t_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa500_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulesa600_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 modulescd32_3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 storage3.2.adf
-rwxrwxrwx  1 pi pi 901120 Apr 13  2021 workbench3.2.adf

disks/AmigaTools
total 888
drwxrwxrwx  2 pi pi   4096 Mar 27 13:55 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rwxrwxrwx  1 pi pi 901120 Mar 27 13:39 PCMCIA-CF-DriverDisk.adf

disks/CAmiga part1
total 434752
drwxr-xr-x  2 pi pi  20480 Feb  3  2018 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rw-r--r--  1 pi pi 901120 Aug 19  2015 4D Driving 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 4D Driving 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 688 Attack Sub.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ab3d2 2meg TKG1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ab3d2 4meg TKG1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ab3d2 Edit.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ab3d2 SFX.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ab3d2 TKG2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 ActionCat 1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 ActionCat 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 ADORAGE-Disk^1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 ADORAGE-Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ADPro_D1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ADPro_D2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ADPro_D3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ADPro_D4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ADPro_D5.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Advantage.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 advantage Examples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 A_Impossible_Mission.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 aladdin aga 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 aladdin aga 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 aladdin aga 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Alfred Chicken.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 alien breed 3d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 alien breed 3d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 alien breed 92d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 alien breed 92d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ami-FileSafe.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AmigaComputingNov94.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 amos3d OM.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AMOS.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AMOSPro_Accessories.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AMOSPro_System.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 another world1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 another world2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 apache.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 apoc1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 apoc2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 apoc3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 aquatic games.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 arabian1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 arabian2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Arcade Darts.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 arcadepool.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Archer Maclean's Pool.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 armourgeddon2dsk1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 armourgeddon2dsk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 assassin1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 assassin2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 assassin se1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 assassin se2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis10.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis11.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atlantis9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atr1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 atr2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 A-Train Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 A-Train Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AUNT ARCTIC ADVENTURE.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bans1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bans2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bans3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bans4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BaseJumpers.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 batman1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 batman2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 batman returns1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 batman returns2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BattleChess.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 battle trucks1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 battle trucks2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 battle trucks3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BC KID - CRACKED BY DUAL^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BC KID - CRACKED BY DUAL C.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 benefactor1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 benefactor2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 benefactor3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BG2AGA_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BG2AGA_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BG2AGA_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 B_Impossible_Mission.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Bismarck.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 blaster1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 blaster2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 blaster3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bodyblows1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bodyblows2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bodyblows3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bodyblows4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ·B00MiN'ECK!·.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Breed96.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BR_euro.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brian lara.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Brian the Lion 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brian the lion 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brian the lion 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brilliance2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Brilliance3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Brilliance.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BR_intro.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BR_main.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 broads mags.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BR_usa.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brutal1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 brutal2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BS_VIII(1).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BS_VIII(2).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BS_VIII(3).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bts1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bts2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bubba1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bubba2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Bubble1.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 19  2015 bubble2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CAG^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CAG_3.2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CAG.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CanDo.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cando_Disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cando_Disk_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CanDoExamples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CanDoExtras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cando_Install_Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cannon fodder 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cannon fodder 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cannon fodder 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Cave Mania.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 caveman ninja1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 caveman ninja2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CCDAT.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CCIII.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CCTennis_A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CCTennis_B.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 champ man 93 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 champ man 93 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 champ man 93 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chase hq.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chicken run.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chuck rock1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chuck rock2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chuck rock 2 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 chuck rock 2 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CineMorphjr.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CIV1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CIV2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CIV3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CIV4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Colonization Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Colonization Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Colonization Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ComicSetter.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ComicSetter_ClipArt.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 copy of  bubble.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CoverDisk29.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 creatures1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 creatures2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cross stitch master2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Cross Stitch Master.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #60.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Cybernetix.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 darkmere.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Darkmere Data Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Darkmere Data Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Darkmere Data Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dawn_patrol_disc2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dawn_patrol_disc3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Dawn_Patrol_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 deathmask1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 deathmask2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 deep core1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 deep core2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 deep dore3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert Strike Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert Strike Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Desert Strike Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DesktopMAGIC_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DesktopMAGIC_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DesktopMAGIC_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 detroit aga Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 detroit aga Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DGEN1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DGEN2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Digger1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Digger2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Diggers.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DiskExpander.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DiskMAGIC.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DP2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DPaintIV.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DpaintIV Art1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DpaintIV Art2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 DpaintIV Info 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dragons lair d8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Dreadnoughts.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dreamweb aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dreamweb aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 dreamweb aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 dreamweb aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 dreamweb aga5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DSInstall.adf
-rw-r--r--  1 pi pi   6148 Feb  3  2018 .DS_Store
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EdgeInstall.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 elfmania1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 elfmania2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Epsilon_9_disk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Epsilon_9_disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 exile.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Experiment_Demo.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EXPERT-4D_jnr.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ExpertDraw.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EXPRESS1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f17d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f17d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F-18 Interceptor.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1gp_disk_#1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP_DISK_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1gp_disk_#2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP_DISK_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1gp_disk_#3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1gp_disk_#4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1 world champ ed.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fantassy world dizzy.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fatman1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fatman2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fatman3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fatman4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FD2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FDProgram.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fears aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fears aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FFDSK1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FFDSK2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fire and ice1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fire and ice2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FLIMBO_SCOOPEX.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FNPool.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FSpirit-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FSpirit-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FSpirit-3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FSpirit-4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FSpirit-5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 full contact1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 full contact2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Future Wars 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Future Wars 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GBRoutePlus.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GBRPlusEdit.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GDS_Examples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GDS_SYSTEM.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GDS_Tutorial.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GilboGames.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Global2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Global.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 globdule d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 globdule d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gloomdata^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gloomdata.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gloomprog^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gloomprog.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 goal1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 goal2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gods1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gods2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 golden axe.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GPFax.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Grac.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GracDemo.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gs_dsk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gs_dsk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gs_dsk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 gs_dsk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Guardian2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Guardian.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Gulp1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Gulp2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Gulp3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GV21a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GV21b.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HARD DRIVING 1&2 FIX BY GO.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 harlequin1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 harlequin2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 heim2_7.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Heimdall1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Heimdall2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Heimdall3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Heimdall4.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Heimdalla1200fix.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 HeliOS2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 HeliOS3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 HeliOS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HelmLite.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 helmlite Examples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 high seas trader aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 high seas trader aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 high seas trader aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 high seas trader aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Holiday Lemmings1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Holiday Lemmings2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HOLLY_A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HOLLY_B.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HOLLY_C.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 holy grail.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 hunter.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HyperCache2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Imagine2.0.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 imagine31d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 imagine31d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 imagine31d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Imagine Demo.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Imagine objects.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Impact.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 inferior1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 inferior2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 InfoNexus.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Install MUI3.5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ironclads.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jag xj220d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jag xj220d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 james pond 3 aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 james pond 3 aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 james pond 3 aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jesus on eee1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jesus on eee2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Jetstrike2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Jetstrike.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 john barnes football.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jungle strike aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jungle strike aga trainer.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 JUNGLE_STRIKE DiskD(2).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 JUNGLE_STRIKE DiskE(3).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jurassic park1.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jurassic park2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jurassic park3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jurassic park4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jurassic park5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 k240_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 k240_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 k240_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kelloggs.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 3 aga d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 3 aga d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 96 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 96 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kick off 96 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kid Chaos   Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kid Chaos   Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kid Chaos   Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kid Chaos   Disk 4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KindWords3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kindwords3 Dict.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kindwords3 Extras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kindwords3 Thes.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KindWords.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kindwords Dictionary.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kindwords SuperFont.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kingpin.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kiros quest.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KOTS1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KOTS2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 KWIKSNAX (DIZZY) AMIGA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LeadingLap_A^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LeadingLap_A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LeadingLap_B^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LeadingLap_B.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 leadinglap_c.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Legends_Disk6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveDisk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveDisk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveDisk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveDisk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveDisk6.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 LightwaveDisk7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LightwaveInstall.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Lothar Matthaus Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Lothar Matthaus Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Maquettes1.3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 marbelous.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MC4D2-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MC4D2-5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Mega Mixture.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 megarts hockey.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr blobby boot&d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr blobby d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NFA_TW9a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NFA_TW9b.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Odyssey1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Odyssey2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Opus55_Extras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Opus55_Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Opus5Docs.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Opus5_Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 OrganiserInstall.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Outliner^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Outliner.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 penguins aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 penguins aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 penguins aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics2_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball haz1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball haz2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball haz3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball haz4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball prelude Disk0.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball prelude Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball prelude Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball prelude Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 power tetris.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 prem man 2 xtra aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 prem man 2 xtra aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 prem man 2 xtra aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 prem man 2 xtra aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 QBTools^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 QBTools.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Quarterback.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Real1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Real2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Real3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Real4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 REKO01.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 REKO02.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 REKO03.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 robocod.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Roketz Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Roketz Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ruffian d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ruffian d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ruffian d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Snooker Amiga.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 SPELLBOUND DIZZY (AMIGA).adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Speris-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Speris-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Speris-3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Speris-4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SPLAT.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super chicken run.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Super pengo twins_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TENNIS2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TENNIS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TFB.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 The Chaos Engine Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 The Chaos Engine Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Thunder.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tiny toy1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tiny toy2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 V6a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 V6b.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 vakhalla DATADISK.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VALHALLA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL4.adf
```

disks/CAmiga part2

```
total 305384
drwxr-xr-x  2 pi pi  20480 Feb 10  2018 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Bubble1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 (c) 1990 Svein Berge.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CaptiveII_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CaptiveII_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CaptiveII_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CaptiveII_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CaptiveII_Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 dreamscape.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 forces-diska.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 forces-diskb.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 forces-intro.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 games docs.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 GOLF.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 GOLF DISK 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 hell hath no fury like LSD.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Hulk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Hulk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Hulk_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 kippers are kule.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LAC.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LAC DAT.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LCP.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 leander1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 leander2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 leander3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 2 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 2 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 2 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 3 aga Classic.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 3 aga Egyptian.a
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 3 aga PROGRAM.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmings 3 aga Shadow.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lion king aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lion king aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lion king aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lion king aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lolipop5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lollipop1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lollipop2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lollipop3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lollipop4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Lotus Esprit Turbo.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_042.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_046.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_048.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_049.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_050.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_052.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_053.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_054.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_055.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_056.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_057.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_058.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_059.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_060.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_061.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_062.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_063.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_064.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lsd 34.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lsd41.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lsd.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD docs disk ten!.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD DOCS DISK THIRTEEN!.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LsD-DoX-40.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LSD_rule.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 LUNAR-C.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MADONNA_SEX1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MADONNA_SEX2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 magic storybook.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Maniac Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Maniac Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 man utd double d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 man utd double d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MaxiPlan Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mc donnald.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mean arenas1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mean arenas2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Merlins_Magic.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MGPro_1.1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 micro machines.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mighty bombjack.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MJBb.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Module Player&modules.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MoneyMattersInstall.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Monkey1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Monkey2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Monkey3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Monkey4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 morph aga d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 morph aga d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat2_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat2 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat 2 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat 2 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mortal kombat 2 d4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 morton strikes back.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Motorola1.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Motorola2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MovieSetter.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 moviesetter ClipArt.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Movieshop 1.2 Manual.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MovieShop.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr nutz1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr nutz2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr nutz3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 mr nutz4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 muplc1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 muplc2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Music-Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Music Samples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 narc.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 naughty ones aga.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nick faldo1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nick faldo2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nippon safes1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nippon safes2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nippon safes3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nippon safes4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 nippon safes5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 no second prize.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 obliterate.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Obsession-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Obsession-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 OctaMED_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 OctaMED Pro V4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 OctaMED_Pro_V5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Osar1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Osar2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Osar3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 overkill1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 overkill2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 PageStream2Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pang.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PCT3_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PCT3_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 pegger.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PGA1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PGA2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Photogenics_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pierre la chief1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pierre la chief2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PIN3001.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PIN3002.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PIN3003.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PIN3004.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball dreams d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball dreams d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball fantasies1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball fantasies2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 pinball fantasies3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 platman.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 POPULOUS I.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 POPULOUS II.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 PowerBase.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 power drive1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 power drive2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPaint^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPaint_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPaint.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPaintv64d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPaintv64d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPExtras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PPProgram.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 prince of persia.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 project x1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 project x2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 project x3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PucmanWorlds.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PUGGSY_1^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PUGGSY_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PUGGSY_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PUGGSY_3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 quick thunder rabbit1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 quick thunder rabbit2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 quick thunder rabbit3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 RAC RALLY - UK.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rainbow islands aga fix.a
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Rally.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ Disk6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rally champ disk7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rick dangerous2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Rise_Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the robots aga7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 rise of the roboys aga6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 RoadKill1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 RoadKill2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 RoadKill3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 robocop3d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 robocop3d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 robocop3d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 RosterDisk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SabreTeam_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SabreTeam_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SabreTeam_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SabreTeam_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SabreTeam_Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Samples 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Scala500.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 scala Graphics.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk10.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk11.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk12.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 disk13.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk14.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk6.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk7.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk8.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 scala ic4000 Disk9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd1^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd2^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sd4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 seek & destroy1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 seek & destroy2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 seek & destroy3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 seek & destroy4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sensible int soccer1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sensible int soccer2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SEUCK Data Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 seuck Editor disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 shinobi.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 silkworm.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 silly putty1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 silly putty2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 silly putty3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sim.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 simcity1.2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sim city 2000 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sim city 2000 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sim city 2000 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skeleton krew aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skeleton krew aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skeleton krew aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skid2cars1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skid2cars2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 skid2 cars4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SKID2d1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 skid2 tracks1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 skid2 tracks2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 skid2 tracks3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 skid2 tracks4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sleepwalker1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sleepwalker2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sleepwalker3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SLIFE1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SLIFE2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SLIFE4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 soccer kid d0.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 soccer kid d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 soccer kid d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 soccer kid d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 space harrier2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 speedball 2 aga.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SpringTime.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2_7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2ecs1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2ecs2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2ecs3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2ecs4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SSF2ecs5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ST-00^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ST-00^2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 st-00^3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ST-00^4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 st-00^5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ST-00.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 stardust1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 stardust2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 stardust3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SteelDevils.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 street fighter 2d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 street fighter 2d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 street fighter 2d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 street fighter 2d4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK01.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK02.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK03.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK04.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK05.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK06.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK07.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK08.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 sts aga DISK09.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Subwars1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 subwars Campaign.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Subwars_Install1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Subwars_Install2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 summer games 92 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 summer games 92 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 superfrog1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 superfrog2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 superfrog3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super league manager2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Super League Manager.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super methane1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super methane2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super off rd.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super space inv1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super space inv2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super stardust aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super stardust aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super stardust aga3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super stardust aga4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 super stardust aga5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 swiv.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 swos1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 swos2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 SWOS95-96d1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 SWOS95-96d2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TCC2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TCC.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 the adams family.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TheClouDisk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 The Settlers 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 The Settlers 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 The Settlers 3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TOPGEAR2 DISK1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TOPGEAR2 DISK2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 tornado disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 TransWrite.adf
```

disks/CAmiga part3

```
total 159296
drwxr-xr-x  2 pi pi  12288 Jun 30  2016 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rw-r--r--  1 pi pi 901120 Aug 19  2015 10_10_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 10_10_2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 A64Utils.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 A64WB.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AmigaComputing.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 APB + XYBOTS.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 AUI_Utilities2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Boot X and Brainfiles.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Budge's Copy Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 C64-Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 C64 EMULATOR V3.0.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 C64 GAMES.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 CDTV-Network.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 CU #60.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 epoch.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Flexi_Prog_2.50.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FT2_B_Aug19.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 FT2_MAIN_Aug20.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Golf.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 HDInstallersIII.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KM1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KM2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KM3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KM4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ministry_WWF0.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ministry_WWF1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ministry_WWF2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 monsterland.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Mr.Z Of SKY!.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 NCOMM.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NFA-TW6.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 opus&mwb-stuff.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 OtT_Speccy.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 pics 1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 pics 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 pics 3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Real1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Real2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Real3.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Real4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Reel 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Reel 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Studley's HD-Installer Pak.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 STUDLEY's HD-Installers Di.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SUZUKI BY SKID ROW.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 T2d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 T2d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Telescan of Course!.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Termite.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 the immortal1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 the immortal2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TheLostVikingsDisk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TheLostVikingsDisk2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 THE NEW SUPERKILLERS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 thunderbirds1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 thunderbirds2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 timekeepers d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 timekeepers d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tornado1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tornado2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tornado3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tornado4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Tower of Souls Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Tower of Souls Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Tower of Souls Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Tower of Souls Disk 4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Tower of Souls Disk 5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tp1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tp2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tp3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 tp4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 T-racer1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 T-racer2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TraxDisc1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TraxDisc2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TraxDisc3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Turboprint.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Turicon (1)   PARANOIMIA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Turicon (2)   PARANOIMIA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 turrican2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 turrican3d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 turrican3d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TVText.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TW1^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TW1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TW2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TW3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 typesmith2.5a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 UFO_Boot_Disk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ufo_Disk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 UFO Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ufo_Disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 UFO Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ufo_Disk_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 UFO Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ufo_Disk_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 UFO Disk 4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ufo_Disk_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 universe6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 USM Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 USM Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Utilities^1.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 Utilities.adf
-rw-r--r--  1 pi pi 901120 Aug 20  2015 utilities disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VALHALLA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla DATADISK.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 valhalla LEVEL4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ViroCop.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ViroData1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ViroData2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VMorph 2.21.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VP_DEM1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VP_DEM2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VP_Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 vroom.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VT.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Walker_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Walker_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Walker_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Welltris.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 whiz aga1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 whiz aga2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 whizz1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 whizz2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 winning post.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WIZMO  cracked by PARANOIM.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 wiznliz1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 wiznliz2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Word5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Wordworth3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 World_Atlas_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 World_Atlas_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 World_Atlas_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 world class rugby95.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WP.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 wp Learn.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 wp Print.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 wp Spell-thes.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WV_Disk_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww3Outlines.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww3Spell.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww3System.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ww5 extra fonts & clip1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ww5 extra fonts & clip2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww5Install-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww5Install-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww5Install-3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Ww5Install-4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WW.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 xcopy6-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 xenon2-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 xenon2-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 XTR1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 XTR2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 XTR3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 yo joe1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 yo joe2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Zany.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 za zelazma1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 za zelazma2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zeewolf 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Zombies2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zool 2 d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zool 2 d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zool 2 d3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zool d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 zool d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Z-OUT (C) 1990 Rainbow Art.adf
```

disks/CAmiga part4

```
total 182176
drwxr-xr-x  2 pi pi  12288 Jul 14  2016 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AB3D1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AB3D2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ABII-4 Months Overdue.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 airball.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ApexGolf.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 apex golf Courses.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 apidya1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 apidya2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Bazza.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BIRDS 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BIRDS 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 black crypt1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 black crypt2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 black crypt3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BoDYSHoP.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BREATHLESS3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Buggles.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BV.0.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BV.1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BV.2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BV.3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BV.4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 (C) 1995 MegArts.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CHAMPIONS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CITADEL1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 citadel2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 citadel3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 citadel4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cj cool1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 cj cool2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 COALA_DataDisk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 COALA_DataDisk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 coala_programdisk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Course_Disk^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Course_Disk^2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Course_Disk^3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Course_Disk.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CYTADELA5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DiskSalv4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DM2_SK_Install1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DM2_SK_Install2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DM2_SK_Install3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DM2_SK_Install4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DM2_SK_Install5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DPaintV_Examples.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DPaintV_Extras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DPaintV_Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DPaintV_Media.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EOB II 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EOB II 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EOB II 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EOB II 4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Erika-AGA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Evo1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Evo2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Evo3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Evo4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 exile1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 exile2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 expert 4d jnr2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 EXPERT-4D_jnr.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 f1gp1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1GP8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 F1_MAN.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_10.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_11.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fotaq_9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw4 Disk 9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GOLF.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GRAC2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GracDemo2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 GVP.Install.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HarrysBalloons.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 HORSES.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX26_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX26_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX26_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX26_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX26_Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 JetMaster.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 JetSet.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jetset Extras.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 jetset MANUAL.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 JS_FONTS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Kev_Loves_Claudia.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmingsd1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lemmingsd2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Lockpick.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lott1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lott2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 lott3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MathVISION2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MathVISION.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MaxiPlan4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Missing.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NEMAC_4_Disk_8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NFA-TW8a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 NFA-TW8b.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Opus5_11.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Pagestream3Disk7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 paradroid90.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PCT3_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PCT3_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PM3-1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PM3-2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PM3-EDITOR.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 power roller.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 primal rage1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 primal rage2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 primal rage3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 primal rage4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ROTATOR1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ROTATOR2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Runt.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk10.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SCR_Disk9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Silver.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SkidMarks2_21.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skidmarks tracks1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 skidmarks tracks6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Slam1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Slam2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Slam3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Slam4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Slam5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 StarSettlers.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SW1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SW2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SW3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SWOSeuro96d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SWOSeuro96d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Thomas Pinball - Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Thomas Pinball - Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 t manager2d1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 t manager2d2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TOMCAT-Installer.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Total Football Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Total Football Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Total Football Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 TW.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Vendetta.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VideoTitler.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VideoTitlerDataDisk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 virocop1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 virocop2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 virocop3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VK_DATA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 VK_MAIN.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WSE1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WSE2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WSE3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WSE4.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WSE5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WT1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WT2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WT3.adf

disks/CAmiga part5
total 75688
drwxr-xr-x  2 pi pi   4096 Jul 14  2016 .
drwxr-xr-x 10 pi pi   4096 Apr  5 16:39 ..
-rw-r--r--  1 pi pi 901120 Aug 19  2015 3DTextures.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 A64.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 A64 Doc & Utils.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AA Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF52.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF54a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF58B.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF61a-ClariSSA.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF63.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF64A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF65A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF66A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF67A.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF72a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF74a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AF77a.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AMIGA-ACTION.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 amiga comp.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Amiga_Computing_91b.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AmigaComputing.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Amiga_Computing_Disk_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Amiga_Computing_disk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AmigaComputingDisk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AmigaComputing-March1994.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AmigaComputing-Xmas93B.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AS_1395_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AS_Vol_IX.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 aui65.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 AWorks.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 BattleChess.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Copy_of_CU #100.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CoverDisk_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #102.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_111.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_113.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_119.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_121.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_126.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU_128.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU132.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU^1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #64.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #68.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #72.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #76.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU#90.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU# 94.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU #98.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 CU Amiga Magazine Disk #10.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Dappa.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 DesignWorks.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Easy_AMOS_Master_1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Easy_AMOS_Master_2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw2_2 update Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw2_2 update Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw2_2 update Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw3 Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw5 update Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw5 update Disk 8.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw5 update Disk 9.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 3.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 4.adf
```

```
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 5.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 6.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 fw Disk 7.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 ImageFX_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KindWords_3_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 KindWords_3_Disk2.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 MUI_Coverdisk.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 PFM_Disk1.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SNOOKER.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk28.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk32.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk38.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk42.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Superdisk44.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 Superdisk46.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk51.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk53.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 SuperDisk69.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 THE NEW SUPERKILLERS.adf
-rw-r--r--  1 pi pi 901120 Aug 19  2015 WordworthAFC.adf

disks/Games
total 12
drwxrwxrwx  3 pi pi 4096 Apr  3 15:04 .
drwxr-xr-x 10 pi pi 4096 Apr  5 16:39 ..
drwxrwxrwx  2 pi pi 4096 Apr  3 15:04 CyberPunks2

disks/Games/CyberPunks2
total 1768
drwxrwxrwx 2 pi pi   4096 Apr  3 15:04 .
drwxrwxrwx 3 pi pi   4096 Apr  3 15:04 ..
-rwxrwxrwx 1 pi pi 901120 Apr  3 15:04 CP2Disk1.adf
-rwxrwxrwx 1 pi pi 901120 Apr  3 15:04 CP2Disk2.adf
```

9 Blog articles

The following sections are the two related blog articles for this setup.

The first one is for the Commodore Amiga A1200 itself along with getting it connecting to WiFi with a PiStorm32-Lite.

The second one is the original article I wrote back in 2020 when I developed this technique with the PI 0W on the BBC Master 128.

These are mostly identical to the original posts, I’ve just made some minor changes to make them fit into this book.

9.1 Finally the Amiga I've always Wanted

From https://area-51.blog/2025/03/31/finally-the-amiga-ive-always-wanted/

Far too long ago, way back in the late 1980's I moved from my Acorn Electron to an Amiga A500, upgrading to an A1200 around 1994. However I've always wanted a high spec machine with an accelerator card and plenty of RAM.

Well, when lockdown hit everyone I got my hands on another A1200 with the aim (unlike the rest of my retro collection) to customise this one machine rather than a normal restoration, to max it out.

The A1200 I got came with a Gotek already installed but the first thing I did was replace the case with a new Black one from A1200.net, followed by an ACA1233n accelerator card which upgraded it to an 68(EC)030 overclocked at 55MHz and 128MB of ram and for a while this worked fine.

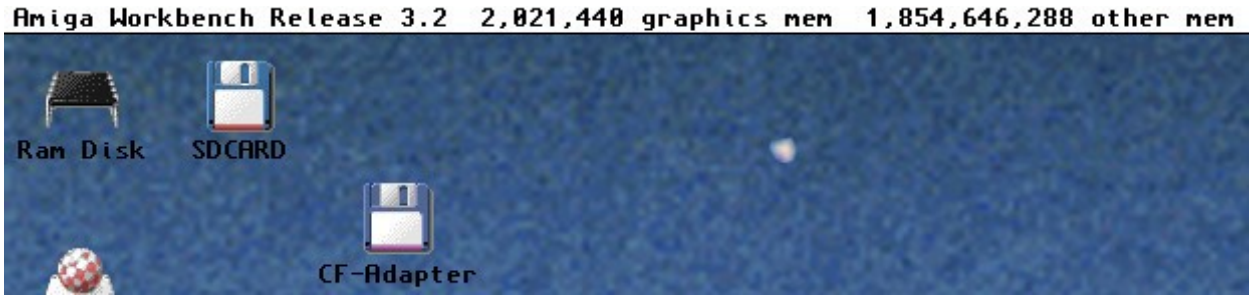
When OS3.2 was released I got hold of that on CD with a pair of ROM's and added a 128Gb M.2 SATA SSD drive to install the OS on. Before you ask how, the M.2 SATA drive is connected to a SATA->IDE adaptor which then connects directly to the Amiga's own IDE interface.

For a while this worked fine, but it still lacked some features I wanted, especially networking, but I lived with that for a while, although when they became available I also got hold of a set of black keys to complete the look:

9.1.1 Enter the PiStorm32-Lite

Late last year I intended to replace the accelerator with a PiStorm32-Lite which I've finally got around to setting it up – and now the machine is in what I think will be it's final state.

So what is PiStorm32-Lite? It's an interface which connects a Raspberry PI to the A1200's accelerator port with the PI emulating a 68040 processor. As this uses Emu68 on the PI (there's no Linux OS running on it), it's extremely fast both for the Amiga but also when booting. It also provides memory to the emulated processor visible as Fast Ram on the Amiga:



So from the above screen shot, there's a lot of free memory – virtually all of the 2MB Chip RAM on the A1200 is free (more of that next) and nearly 2Gb of Fast Ram.

9.1.1.1 Disk partitioning

For disk, you can use the PI's SD card instead of the internal IDE port as a hard disk for the Amiga. This is advisable as it's way faster than what the IDE port can provide, which is what I've done here, so I've removed the M.2 drive and now the OS is on the SD card and runs extremely fast.

As I used a 32Gb SD card, I've configured two partitions. The first is 512MB which contains Emu68 for the PI to boot from and the other using the rest of the card for the Amiga to use. Note: the instructions say setup 3 partitions but you only need one. If you setup 3 then the Amiga will see 3 hard drives not one as the SD Card partitions are not Amiga partitions.

On the Amiga side, using HDToolBox you then setup the partitions the Amiga will see. I've set it to use two, one of 8Gb which has the OS and Applications installed and the second the rest of the drive, giving me a 21Gb partition for work files.

9.1.1.2 HDMI Display

Next is the display. The PIStorm32-Lite exposes the PI's HDMI port as an RTG graphics card, so installing P96 you get a 1080p display along side the original display modes which still use the original RGB or Composite ports on the Amiga. Now you can't run both at the same time, so you need to switch monitors when using traditional modes – although I hear there's work underway to get those to use HDMI via the PI's camera port, but that's not yet available.

This is fine and works excellently at 1080p, I wanted more. Now as I used a PI4B with 4Gb of ram (I had one spare from an older project) I wanted 4K and that turned out to be pretty simple to do – just comment out the HDMI mode lines and uncomment the experimental ones just after them and then 4K was available.

9.1.1.3 Networking

Next was networking, as the PI's WiFi port is exposed to the Amiga – sadly not Ethernet but WiFi is fine. Now I used this article to get networking setup.

Tip, get the linked Network-PCMCIA-AIO.lha file as that has virtually everything needed.

The only difference to that article is to install the wifipi.device and related files which are available from the Emu68-Tools nightly download which you should have got when installing Emu68, instead of using the ones provided by that article which relates to PCMCIA interfaces.

Also, as we now have a 68040, install MiamiDX from that archive as it has everything there including the essential keys.

The last thing is configuring WirelessManager. The installation configures WirelessManager to use prism2.device instead of wifipi.device so in S:User-Startup you need to change it.

So I just commented out the wrong device and added the correct one, as below:

```
;;BEGIN WirelessManager
;Run <>NIL: C:WirelessManager prism2.device
; needed for PIStorm32-lite
Run <>NIL: C:WirelessManager wifipi.device
;END WirelessManager
```

With this change, WirelessManager now starts correctly and connects to your network.

9.1.2 The final setup

So finally the A1200 is in it's, for now, final state:

- A1200 2B motherboard
- A1200.net Black case and Black Keys
- Real Time Clock connected to the A1200's own clock port
- GoTek with a Raspberry PI 0W providing floppy disks
- PIStorm32-Lite with Raspberry PI 4B 4G providing:
- 68040 emulated processor
- nearly 2Gb of Fast Ram
- WiFi
- Hard Drive on the PI's SD card
- MiamiDX connecting via WiFi
- Clock synchronisation with my local GPS based NTP servers using NTPSync

Here's the Workbench screen in all it's 4K glory:

Yes, that's Sabina from Sabrina-Online – as that's also the A1200's hostname on the network

9.1.3 Startup changes

I've got MiamiDX to startup when the Amiga boots so it's always connected to the network. When it does it then uses NTPSync to sync the clock (even though it has an RTC as backup). However, when NTPSync runs, it updates the system clock but not the RTC, so you need to set it manually. e.g. the commands are:

```
NTPSync 192.168.0.4 192.168.9.5
setclock save
```

where 192.168.0.4 and 192.168.9.5 are my local NTP servers – replace those with your own or use a public one. Some routers will provide an NTP proxy for you so you might be able to use it instead.

9.1.3.1 MiamiDX configuration

In MiamiDX, for the WiFiPi interface, under Auto-connect/disconnect I have both Auto-connect from suspended and offline set to any traffic. This means it will connect as soon as there's any network activity from the Amiga.

Next I added the following to the end of S:User-Startup:

```
; Begin internet
Assign Internet: Sys:Internet
; common commands in path
Path Internet:bin ADD
Run <>NIL: Execute S:Miami-Startup
; END Internet
```

This sets Internet: to where I have my internet tools installed and adds Internet:bin to the path – this is optional.

It then runs S:Miami-Startup in the background so Workbench gets to finish loading whilst MiamiDX starts.

Finally there's S:Miami-Startup

```
; start miami after 5 seconds to allow wifi to come up

WAIT 5 SECS
Run <>NIL: Miami:MiamiDx

; wait for miami to start then issue a ping at the gateway
; to bring up the network connection
WAIT 1 SECS
Miami:MiamiPing -c 1 192.168.8.1 <>NIL:

; Now wait 1 second then try to sync the time with
; 192.168.0.4 - primary NTP server
; 192.168.9.5 - secondary NTP server in the garden
WAIT 1 SECS
NTPSync -t2 192.168.0.4 192.168.9.5 <>NIL:

; additional attempts incase the first one times out
WAIT 2 SECS
NTPSync -t2 192.168.0.4 192.168.9.5 <>NIL:

WAIT 3 SECS
NTPSync -t2 192.168.0.4 192.168.9.5 <>NIL:

setclock save
```

Here it:

- wait's 5 seconds (I probably could reduce that) and starts MiamiDX
- wait 1 second to allow MiamiDX to start and then ping the gateway once. This causes the connection to come up – this is a setting in MiamiDX interface config.
- Wait 1 second then get the time from the NTP servers. The first IP is checked first but the second is the backup.
- As I've found it doesn't always connect the first time – e.g. the network connection can still be initialising I repeat this again with a 2 second then 3 second wait.
- Finally I save the time to the RTC.

9.1.4 The second PI?

You might have noticed I mention a second PI inside connected to the Gotek providing floppy disk images. This I've documented before here where I use a PI 0W in Gadget mode so it appears to the Gotek as a USB drive, but one where I can upload new disk images to it over wifi without having to having to remove a USB stick every time.

9.2 Using a Raspberry PI Zero W to hold disk images for the BBC Micro

From https://area-51.blog/2020/01/30/using-a-raspberry-pi-zero-w-to-hold-disk-images-for-the-bbc-micro/

9.2.1 Overview

At Christmas I treated myself to a new machine, a BBC Master 128. It's that new that it was manufactured somewhere between 1986 and 1993 – if you are into retro-computing you know what this is like.

Figure 3: BBC Master 128 with GoTek drive to the left & another project sitting on top of it so ignore that

Anyhow, this machine is in very good condition. It's been refurbished with new capacitors in the power supply (something you must check on the BBC's as they can go bang if you aren't careful).

It also came with a GoTek USB floppy emulator. This is a device that connects to the BBC (and others like the Amiga) as if they were a real floppy drive but instead of a disk it uses a standard USB stick which can contain images of the original disks. So many you could probably have a copy of every bit of software for the BBC micro ever produced on floppy on one stick!

9.2.2 The problem when developing software

Now this is perfectly fine if you have your software collection on it & rarely add anything but if you are doing any development and need to regularly add or update disks it's a pain as you have to unplug the USB stick, put it in to your main development box, mount it, copy a 200K file (thats the capacity of a standard BBC DFS 40 track disk!), unmount it then plug it back into the drive.

You can tell it's tedious and if regularly done could cause additional wear & tear to the contacts!

So to make this far easier I took a Raspberry PI Zero W and used it as the flash drive. In the above picture you can see a white USB cable in the GoTek, thats got the Zero on the other end of it.

If I needed to add or update a disk I can simply use SCP to copy the file to the pi and the GoTek then sees the new disk, I select it & the BBC can read it. From upload to opening it on the BBC can literally be a few seconds.

9.2.3 Setting up the PI 0W to serve images to the Gotek

So, how to set it up? Well the MagPi has an article from about 2 years ago which tells you how https://magpi.raspberrypi.org/articles/pi-zero-w-smart-usb-flash-drive

This is a good article so I'm not going to repeat it here except you don't need to do all of them & there's a few errors in that article which I will repeat here:

- Step 4 is not needed if you used a minimal Raspbian image – i.e. no need to use the full desktop one, use the lite image as the base.
- For step 6 use the GoTek as the power source not the TV as used in the article & yes for now it is being powered solely by the drive it's being used on.
- You can ignore Step 9 as we won't be using multimedia – you could use a bbc disk image here instead
- Step 10 has the errors. Here it mentions **gmassstorage** this is wrong & I think it's the formatting on the site that's broken it. Replace all references to that with **g_mass_storage** not the _'s, some CMS's use _ to say underline which you can see on that page.
- Steps 11 & 12 are optional – I did them but don't use them

That's effectively it, except a comment about powering the PI (which is in step 6 of that article).

Now I am using the GoTek to power the Pi – so there's just a single USB cable from the GoTek to the usb port on the PI (not the PWR IN). This is fine as my GoTek has it's own power supply.

However if you were to use an external supply for the PI, then you **must** cut the red wire inside the micro USB cable else you'll feed additional power from the PI to the GoTek as well as the PI suddenly having two 5V supplies feeding it – which will cause damage to both devices!